

PTO/SB/05  
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U.S. Department of Commerce  
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PATENT

CONTINUING PATENT APPLICATION TRANSMITTAL

Customer No.: 23696  
Attorney Docket No.: 000252C1  
Date: 03/26/2004  
Express Mail Label No.: EV384114042

17302 U.S. PTO  
10/810442  
032604

Transmitted herewith for filing is a:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Inventor(s): John W. Ketchum

For: Method and System for Increased Bandwidth Efficiency in Multiple Input- Multiple Output Channels

Prior application information:

Examiner: Jean B. Corrielus Group Art Unit: 2631

Serial No.: 09/737,602 Filed on: 05-Jan-2001

Inventor(s): John W. Ketchum

For: Method and System for Increased Bandwidth Efficiency in Multiple Input- Multiple Output Channels

Enclosed are:

1. ☒ Patent application (36) total pages.
2. ☒ Drawings: ☒ Formal (8) sheet(s) or ☐ Informal ( ) sheet(s).
3. ☒ Declaration/Power of Attorney: ☐ Signed ☐ Unsigned ☒ Copy from prior application.
4. ☐ An Assignment ( ) pages and Recordation Form Cover Sheet.
5. ☐ Deletion of Inventor(s). Signed statement attached deleting inventor(s) named in the prior application.
6. ☐ A Preliminary Amendment ( ) pages.
7. ☒ Information Disclosure Statement (IDS):
  - a. ☒ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
8. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	39-20	19	x \$18 =	\$342.00
Independent**	7-3	4	x \$86 =	\$344.00
Multiple Dependent Claim(s): <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			\$290	\$0.00
APPLICATION FILING FEE			\$770	\$770.00
			TOTAL FEE	\$1,456.00

\*If the number in column a is less than 20, enter 0 in column b.  
\*\*If the number in column b is less than 3, enter 0 in column b.

9. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
10. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated in the amount of \$1,456.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed.
11. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: 03/26/2004

Signature:

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